



Ø421 [10.69] THRU  
.500-13 UNC-2B TAP x .75 [19.050]



NOTES:

- THIS DIMENSION IS TO BE DETERMINED AT WELDING OF DWG. #S3-210000-00-2
- ALL DIMENSIONS IN [ ] ARE MILLIMETERS AND ARE FOR REFERENCE ONLY.

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES		THIS DRAWING IS THE PROPERTY OF		
TOLERANCES		S3310002-00		
DECIMALS		ANGULAR		
.X - .1 [2.5]		- 0°30'		
.XX - .01 [0.25]				
.XXX - .005 [0.13]				
SURFACE ROUGHNESS		125		
REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX.				
SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1				
DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5				
DO NOT SCALE DRAWING				
LOG NUMBER		ARGONNE NATIONAL LABORATORY		
DRAWN BY		DATE	CHIEF DESIGN ENGINEER	DATE
MUSCIA		8/18/98	D. SHU	11/1/98
CHECKED BY		DATE	GP LEADER	DATE
J. CHANG		10/29/98	J.M. KUZAY	11/10/98
DESIGNER		DATE	PROJECT MGR.	DATE
CHANG/MUSCIA		8/18/98		
RESPONSIBLE ENGINEER		DATE	APPROVED/RELEASED	DATE
J. CHANG		10/29/98		
MATERIAL		304 STAINLESS STEEL		
SCALE		1:1	SIZE	
SHEET		14	B	
DRAWING NUMBER		S3-310002-00		

ADVANCED PHOTON SOURCE  
S3-30 I.D. SAFETY SHUTTER  
COLLIMATOR  
CHAMBER WELDMENT  
TOP LEG